A. CLASSIFICATION OF SUBJECT MATTER IPC 7 C23C14/34 G02F1/15

CO4B35/00

C23C14/08

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

EPO-Internal, WPI Data, PAJ, IBM-TDB, INSPEC, COMPENDEX

C. DOCUM	ENTS CONSIDERED TO BE RELEVANT	
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 107 019 A (TAKAO HIROSHI ET AL) 15 August 1978 (1978-08-15) column 4, line 37-49 column 8, line 23-30	1-3,15
X	US 5 981 092 A (ARAI MICHIO ET AL) 9 November 1999 (1999-11-09)	1,3-6
Y	column 3, line 25-30 column 3, line 64 -column 4, line 42 column 13, line 48-50	7-14,16
X	FR 2 793 888 A (SAINT GOBAIN VITRAGE) 24 November 2000 (2000-11-24)	17-22
Y A	the whole document	7-14,16
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Special categories of cited documents:  'A' document defining the general state of the art which is not considered to be of particular relevance 'E' earlier document but published on or after the international filing date 'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  'O' document referring to an oral disclosure, use, exhibition or other means 'P' document published prior to the international filing date but later than the priority date claimed	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention.  "X" document of particular relevance; the claimed invention cannot be considered novie or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.  "&" document member of the same patent family
Date of the actual completion of the international search	Date of mailing of the International search report
4 June 2003	12/06/2003
Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Castagné, C

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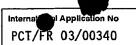
Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	
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•	PATENT ABSTRACTS OF JAPAN vol. 014, no. 004 (P-986), 9 January 1990 (1990-01-09) & JP 01 256036 A (TOSHIBA CORP), 12 October 1989 (1989-10-12) abstract	1,15	
1	WEN S-J ET AL: "Analysis of durability in lithium nickel oxide electrochromic materials and devices" SOLAR ENERGY MATERIALS AND SOLAR CELLS, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 56, no. 3-4, January 1999 (1999-01), pages 299-307, XP004154416 ISSN: 0927-0248 abstract	11,12,16	
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